Index of Claims

Application/Control No.

10/522,775

Examiner

Elizabeth Ivey

Applicant(s)/Patent under Reexamination

YAMAOKA ET AL.

Art Unit

1775

| <b>√</b> | Rejected |
|----------|----------|
| II       | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| Ŀ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| - | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|          |          |             | 1  |  |          |          | 2  |  |  | '        |   |            |          |              |          |          |          |          |          |
|----------|----------|-------------|--|--|----------|----------|--|--|--|----------|---|------------|----------|--------------|----------|----------|----------|----------|----------|
| Cla      | im       | Date        |  |  |          |          |  |  |  | Claim    |   |            |          | Date         |          |          |          |          |          |
| Final    | Original | 12/22/05    | 6/13/06  |  |          |          |  |  |  |          |   | Final      | Original |              |          |          |          |          |          |
|          | 1        | 1           | 1  | -  |          | _        | Н  | $\vdash$   |  |          |   |            | 51       |              |          |          |          |          | _        |
|          | 2        | 1           | 1  |  |          |          |  | <del>                                     </del> |  |          |   |            | 52       |              | _        |          |          |          | _        |
|          | 3        | 1           | 1  |  |          |          | <u> </u>   |  |  |          |   |            | 53       |              |          |          |          |          |          |
|          | 4        | 1           | 1  |  |          |          |  | Г  |  |          |   |            | 54       |              |          |          |          |          |          |
|          | 5        | 1           | 1  |  |          |          |  |  |  |          |   |            | 55       |              |          |          |          |          |          |
|          | 6        | 1           | 1  |  |          |          |  |  |  |          |   |            | 56       |              |          |          |          |          |          |
|          | 7        | 1           | 1  |  |          |          |  |  | L_   | <u></u>  |   |            | 57       |              |          |          | _        |          |          |
|          | 8        | 1           | 1  |  |          |          | _  | <u> </u>   | _  | ļ        |   |            | 58       |              |          |          |          |          | L        |
|          | 9        | 1           | 1  | _  | <u> </u> | <u> </u> | <u> </u>   | _  | <u> </u>   | _        |   |            | 59       |              |          |          |          |          |          |
|          | 10       | 1           | 1  |  | <u> </u> | <u> </u> | <u> </u>   | ļ  |  | <u> </u> |   |            | 60       | Ш            | _        | _        |          |          | L        |
| -        | 11       | 1           | 1  | H  | <u> </u> | $\vdash$ | <u> </u>   | $\vdash$   | _  | <u> </u> |   |            | 61<br>62 |              |          | -        |          | _        | -        |
| -        | 12       | V           | =  |  | <u> </u> | -        | -  | ⊢  | -  | -        |   |            |          | Н            |          |          |          |          | -        |
| -        | 13<br>14 | N           | N  | _  | _        |          | -  |  |  |          |   |            | 63<br>64 |              | _        |          |          |          | ⊢        |
| -        | 15       | IN          | 114  | $\vdash$   | -        | -        | $\vdash$   | 1  |  | -        | ł |            | 65       | -            |          |          | _        |          | ⊢        |
| 1        | 16       | $\vdash$    | ⊢  | -  | ┢        | ╁        | $\vdash$   | $\vdash$   | -  |          | ł | _          | 66       | $\vdash$     | _        | $\vdash$ | -        |          | H        |
|          | 17       |             | ┢  |  |          |          | $\vdash$   |  | H  |          | i | _          | 67       |              |          |          |          |          | ┢        |
|          | 18       |             | -  |  |          |          | -  |  | $\vdash$   |          |   |            | 68       | $\vdash$     |          |          |          |          | H        |
|          | 19       |             | <u> </u>   |  |          |          | _  |  | $\vdash$   | ┢        |   |            | 69       |              |          |          |          |          | Т        |
|          | 20       | -           | $\vdash$   | -  | -        |          |  |  |  |          | 1 |            | 70       |              |          |          |          |          | T        |
|          | 21       | Г           | T  |  |          |          | -  |  |  |          |   |            | 71       |              |          |          |          |          | Т        |
|          | 22       | $\vdash$    |  |  |          |          |  |  |  |          | 1 |            | 72       |              |          |          |          |          | Г        |
|          | 23       |             |  |  |          |          |  |  |  |          |   |            | 73       |              |          |          |          |          |          |
|          | 24       |             |  |  |          |          |  |  |  |          |   |            | 74       | _            |          |          |          |          |          |
| <u> </u> | 25       | <u> </u>    | ļ  | L  |          |          |  |  | <u> </u>   | _        |   |            | 75       |              |          |          |          |          | L        |
| <u> </u> | 26       | <u> </u>    | <u> </u>   |  |          |          |  |  | <u> </u>   | _        |   | <u> </u>   | 76       |              |          | _        |          |          | L        |
| <u> </u> | 27       | ┞           | <u> </u>   | <u> </u>   |          |          |  |  | _  | ├        | ł |            | 77<br>78 | _            | _        | L        |          |          | ⊢        |
| -        | 28<br>29 | ⊢           | <del>                                     </del> |  |          |          | -  | -  | <del> </del>                                     | ├        | - |            | 79       |              |          | H        |          | _        | ┝        |
| $\vdash$ | 30       | ╁           | <del>                                     </del> |  |          |          |  | -  | -  | ┝┈       | ł |            | 80       |              |          | H        |          | _        | ┢        |
|          | 31       | ╁           | <del>                                     </del> |  |          |          |  | $\vdash$   |  | ┢        | 1 |            | 81       |              |          |          |          |          | ┢        |
|          | 32       | ╁╌          | $\vdash$   | $\vdash$   | -        | -        | <del>                                     </del> | ╫  | <del>                                     </del> |          | ĺ | <b>├</b> ─ | 82       | $\vdash$     |          |          | ┢╾       |          | t        |
| <b>—</b> | 33       | t-          | †=   | <del>                                     </del> | H        |          |  | $\vdash$   | $\vdash$   |          | ĺ | <b>-</b>   | 83       |              |          |          |          |          | T        |
|          | 34       | Ι-          | <del>                                     </del> |  |          | ı        |  | t  |  | r        | 1 | -          | 84       |              |          | Г        |          |          | Т        |
|          | 35       | 1           | П  | Г  |          | Τ        | Π  |  |  |          |   |            | 85       |              |          |          |          |          | Г        |
|          | 36       |             |  |  |          |          |  |  |  |          |   |            | 86       |              |          |          |          |          |          |
|          | 37       |             |  |  | 匚        |          |  |  | Ĺ  |          | ] |            | 87       |              |          |          |          |          | Ĺ        |
|          | 38       | $\Box$      |  |  |          | Ĺ        |  |  |  | <u> </u> | 1 | L          | 88       | <u> </u>     |          | L        | L        |          | L        |
|          | 39       | _           | <u> </u>   | <u> </u>   | _        | <u> </u> | <u> </u>   | <u> </u>   | _  | <u> </u> | 1 |            | 89       | <u> </u>     | _        | _        | L        | _        | $\perp$  |
| <u> </u> | 40       | $\vdash$    | $\vdash$   | <u> </u>   | _        | <u> </u> | $\vdash$   | ┞-   | <u> </u>   | ऻ_       | l | <u> </u>   | 90       | <u> </u>     | _        | <u> </u> | <u> </u> | _        | 1        |
| <u> </u> | 41       | ┡           | -  | ┡  | <u> </u> | ┝        | <u> </u>   | ⊢  | <u> </u>   | ├        | - | ļ          | 91       | _            | _        |          | _        | <u> </u> | ┝        |
| -        | 42       | ╀           | ┿  | ├-   | ⊢        | ├        | ├  | ⊢  | ⊢  | -        | ┨ |            | 92       | <del> </del> | <u> </u> | $\vdash$ |          |          | ⊢        |
| <b>—</b> | 43<br>44 | +-          | ┼  | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$ | 1 |            | 93<br>94 | -            | ┝        | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ |
| -        | 45       | ├           | +-   | <del> </del>                                     | H        | ┢        | ┢  | ┢  | $\vdash$   | $\vdash$ | 1 | -          | 95       | $\vdash$     | -        | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ |
|          | 46       | $\dagger -$ | $\vdash$   | $t^{-}$  | -        | $\vdash$ | $\vdash$   | +-   | $\vdash$   | t        | 1 | -          | 96       | $\vdash$     | $\vdash$ | $\vdash$ | ┢        | $\vdash$ | t        |
|          | 47       | 1           | T  | †-   | $\vdash$ | 1        | 1  | 1  | t  | H        | 1 |            | 97       | i –          |          | $\vdash$ | T        | Η        | T        |
|          | 48       | t           | T  | Т  | T        | T        | T  | T  | T  | 1-       | 1 |            | 98       | ┢            | $\vdash$ |          |          | Г        | T        |
|          | 49       | T           | T  | T  | Π        | Τ        | Т  | $\vdash$   | $I^-$  | T        | 1 |            | 99       | Ι            | Γ        | 1        |          | Г        | T        |
|          | 50       | L           | Ĺ  |  |          | L        |  | L  | L  | L        | ] |            | 100      | L            |          |          | Ĺ        |          | Γ        |
|          |          |             |  |  |          |          |  |  |  |          | - |            |          |              |          |          | _        |          | _        |

| Cla      | im       | Date     |            |  |  |           |           |              |            |              |  |  |
|----------|----------|----------|------------|--|--|-----------|-----------|--------------|------------|--------------|--|--|
|          |          | $\neg$   |            |  |  |           |           |              |            |              |  |  |
| Final    | Original |          |            |  |  |           |           |              |            |              |  |  |
|          | 51       | _        |            |  |  | $\exists$ |           |              | $\dashv$   |              |  |  |
|          | 52       | $\neg$   | $\neg$     |  |  |           |           |              |            |              |  |  |
|          | 53       | $\dashv$ | $\dashv$   |  |  |           |           |              |            |              |  |  |
|          | 54       | $\dashv$ | $\dashv$   |  |  |           |           |              | $\vdash$   |              |  |  |
| $\vdash$ | 55       | $\dashv$ |            |  |  |           | $\dashv$  | _            | $\vdash$   |              |  |  |
|          | 56       | $\dashv$ | $\dashv$   | -  | _  | -         | $\dashv$  | -            | $\dashv$   | _            |  |  |
| $\vdash$ | 57       | $\dashv$ | $\dashv$   |  |  |           | $\dashv$  | -            | -          | _            |  |  |
|          | 58       |          | $\dashv$   | -  | _  |           |           |              | -          |              |  |  |
|          | 59       | -        |            |  |  |           | $\vdash$  | _            |            | _            |  |  |
|          | 59       | -        | -          |  |  |           | -1        | _            | -          | -            |  |  |
|          | 60<br>61 |          | _          | _  | $\vdash$   |           | -         | _            | _          |              |  |  |
|          |          |          | _          | -  | _  | -         |           |              |            | -            |  |  |
| $\vdash$ | 62       |          |            |  | $\vdash$   | $\vdash$  |           |              |            |              |  |  |
| ļ        | 63       |          | Щ          | Ш  | -  |           | $\square$ |              | Ш          | -            |  |  |
|          | 64       |          | -          | _  | $\Box$   |           |           |              | Ш          |              |  |  |
|          | 65       | _        | $\square$  | $\vdash$   |  |           |           |              | Ш          |              |  |  |
| <u> </u> | 66       | _        |            | Щ  |  |           | L         |              | Ш          |              |  |  |
| <u> </u> | 67       | Щ        |            | $\vdash$   | Ш  |           |           | _            | Щ          | <u> </u>     |  |  |
|          | 68       |          |            |  |  |           |           |              |            |              |  |  |
| L        | 69       |          |            |  |  |           |           |              |            |              |  |  |
|          | 70       |          |            |  |  |           |           |              |            |              |  |  |
|          | 71       |          |            |  |  |           |           |              |            |              |  |  |
| L        | 72       |          |            |  |  |           |           |              |            |              |  |  |
|          | 73<br>74 |          |            |  |  |           |           |              |            |              |  |  |
| L        | 74       |          |            |  |  |           |           |              |            |              |  |  |
|          | 75       |          |            | <u> </u>   |  |           |           |              |            |              |  |  |
| <u> </u> | 76<br>77 |          |            |  |  |           |           |              |            |              |  |  |
| L        | 77       |          | _          | _  | _  |           |           |              |            |              |  |  |
| <b> </b> | 78       |          |            | L  |  |           |           |              |            |              |  |  |
| ļ        | 79       |          |            |  |  | _         | $\vdash$  |              |            | <u> </u>     |  |  |
|          | 80       | $\Box$   |            | $\vdash$   |  |           |           | _            |            | _            |  |  |
| <u> </u> | 81       |          |            |  | _  |           |           |              |            | -            |  |  |
| L        | 82       |          |            | _  |  |           |           |              |            | _            |  |  |
|          | 83       | Щ        | $\vdash$   | -  | $\vdash$   | $\vdash$  | $\vdash$  | <u> </u>     | <u> </u>   | <u> </u>     |  |  |
| <u> </u> | 84       |          | $\vdash$   | <u> </u>   | $\vdash$   | <u> </u>  | $\vdash$  |              | Н          | _            |  |  |
| ļ        | 85       |          | <u> </u>   | <del> </del>                                     | <u> </u>   | $\vdash$  | $\vdash$  | <u> </u>     | <b> </b> - | -            |  |  |
| <u> </u> | 86       |          | Щ          | $\vdash$   | $\vdash$   | <u> </u>  | <u> </u>  | <u> </u>     | <u> </u>   | <u> </u>     |  |  |
|          | 87       |          | <b> </b> - | $\vdash$   | <u> </u>   | <b> </b>  | $\vdash$  | _            | $\vdash$   | $\vdash$     |  |  |
| ļ        | 88       |          |            | _  | <u> </u>   | $\vdash$  | $\vdash$  | <u> </u>     | <b>-</b>   | <u> </u>     |  |  |
|          | 89       | $\vdash$ | H          | -  | $\vdash$   | $\vdash$  | $\vdash$  | <u> </u>     | ļ          | -            |  |  |
| <u> </u> | 90       | $\vdash$ | Ш          | <u> </u>   | ├—   | <u> </u>  | <u> </u>  | <u> </u>     | $\vdash$   | <u> </u>     |  |  |
| -        | 91       | $\vdash$ | <u> </u>   | <u> </u>   | <u> </u>   | Ь—        | <u> </u>  |              | <u> </u>   | ├—           |  |  |
| -        | 92       | $\vdash$ | <u> </u>   | $\vdash$   | ļ  | ┝         | $\vdash$  | <del> </del> | $\vdash$   | $\vdash$     |  |  |
|          | 93       |          | ├—         | $\vdash$   | ├  | <u> </u>  | <u> </u>  | <u> </u>     | $\vdash$   | $\vdash$     |  |  |
| -        | 94       | -        | ├-         | ⊢  | ├-   | $\vdash$  | $\vdash$  | $\vdash$     | $\vdash$   | ├-           |  |  |
| -        | 95       | $\vdash$ | $\vdash$   | <del>                                     </del> | ├  | $\vdash$  |           | <del> </del> | $\vdash$   | <del> </del> |  |  |
| $\vdash$ | 96<br>97 | <u> </u> | $\vdash$   | <del>  -</del>                                   | -  | ├-        |           |              | $\vdash$   | -            |  |  |
| <u> </u> |          |          | ⊢          |  | -  | ⊢         | -         | <del> </del> | -          | -            |  |  |
|          | 98<br>99 | <u> </u> | -          | -  | -  | <u> </u>  | ⊢         | -            | ├          | ⊢            |  |  |
| -        | 100      | $\vdash$ | $\vdash$   | $\vdash$   | <del>                                     </del> | -         | ┢         |              |            | $\vdash$     |  |  |
| L        | טטון     | 1        | ı          | Ι.   | i  |           | L         | ı            | ł          | 1            |  |  |

| Cla      | aim                                    | Date     |          |          |          |          |              |                                     |                                     |                 |  |  |
|----------|--|----------|----------|----------|----------|----------|--------------|-------------------------------------|-------------------------------------|-----------------|--|--|
| Final    | Original                               |          |          |          |          |          |              | :                                   |                                     |                 |  |  |
|          | 101<br>102                             |          |          |          |          |          |              |                                     |                                     | $\neg$          |  |  |
|          | 102                                    |          |          |          |          |          |              |                                     |                                     |                 |  |  |
|          | 103                                    |          |          |          |          |          |              |                                     |                                     |                 |  |  |
|          | 104                                    |          |          |          |          |          |              | _                                   | _                                   | _               |  |  |
|          | 103<br>104<br>105<br>106               |          |          |          |          |          |              |                                     |                                     |                 |  |  |
|          | 106                                    |          | _        |          |          |          |              | _                                   | _                                   | _               |  |  |
|          | 107                                    |          |          |          |          |          |              | $\dashv$                            | _                                   |                 |  |  |
|          | 108<br>109                             |          |          |          |          |          |              | _                                   | _                                   | _               |  |  |
|          | 110                                    | -        |          |          |          |          |              | -                                   | $\dashv$                            | $\dashv$        |  |  |
|          | 111                                    |          |          |          |          |          |              |                                     |                                     | $\dashv$        |  |  |
| -        | 112                                    | $\dashv$ |          |          |          |          |              |                                     | $\exists$                           | $\dashv$        |  |  |
|          | 113                                    | $\neg$   | _        |          | _        |          |              |                                     |                                     | $\dashv$        |  |  |
|          | 110<br>111<br>112<br>113<br>114<br>115 |          |          |          |          |          |              |                                     |                                     |                 |  |  |
|          | 115                                    |          |          |          |          |          |              |                                     |                                     |                 |  |  |
|          | 116<br>117                             |          |          |          |          |          |              |                                     |                                     |                 |  |  |
|          | 117                                    | _        |          |          |          |          |              |                                     |                                     |                 |  |  |
|          | 118<br>119<br>120<br>121               |          |          |          |          |          |              |                                     |                                     |                 |  |  |
|          | 119                                    |          |          | Ш        |          |          |              |                                     |                                     |                 |  |  |
|          | 120                                    | $\vdash$ |          | Ш        |          |          | _            |                                     |                                     |                 |  |  |
|          | 121                                    |          |          |          | _        |          | _            | _                                   |                                     | $\dashv$        |  |  |
|          | 122                                    | -        |          | Н        |          | -        | $\vdash$     | -                                   | _                                   |                 |  |  |
|          | 122<br>123<br>124<br>125<br>126        |          |          |          |          | -        | -            |                                     |                                     | -               |  |  |
|          | 125                                    |          | -        |          |          | -        | $\vdash$     |                                     |                                     | _               |  |  |
|          | 126                                    | Н        |          | _        |          | _        | $\vdash$     |                                     |                                     |                 |  |  |
|          | 127                                    |          |          |          |          |          |              |                                     |                                     |                 |  |  |
|          | 128                                    |          |          |          |          |          |              |                                     |                                     |                 |  |  |
|          | 127<br>128<br>129                      |          |          |          |          |          |              |                                     |                                     |                 |  |  |
|          | 130<br>131<br>132                      |          |          |          |          |          |              |                                     |                                     | Ш               |  |  |
|          | 131                                    |          |          |          |          |          | <u> </u>     |                                     |                                     | Ш               |  |  |
|          | 132                                    |          |          |          | _        | _        |              |                                     |                                     | Щ               |  |  |
|          | 133<br>134                             |          |          |          |          | _        | <del> </del> |                                     |                                     | $\dashv$        |  |  |
|          | 134                                    |          |          |          |          | ┞        | ┝            |                                     |                                     | $\dashv$        |  |  |
|          | 135<br>136                             |          |          | H        |          | $\vdash$ | ┝            | -                                   | $\vdash$                            | Н               |  |  |
|          | 137                                    | -        | -        | $\vdash$ | -        | -        | -            |                                     |                                     | Н               |  |  |
|          | 138                                    |          |          | $\vdash$ |          | ┝        | $\vdash$     | Г                                   | -                                   |                 |  |  |
|          | 138<br>139                             |          |          |          |          |          |              |                                     |                                     |                 |  |  |
|          | 140                                    |          |          |          |          |          |              |                                     |                                     |                 |  |  |
|          | 141                                    |          |          |          |          |          |              |                                     |                                     |                 |  |  |
|          | 142                                    |          |          |          |          | L        | L            | oxdot                               | L                                   | Ш               |  |  |
|          | 143                                    | <u> </u> |          | L        |          | <u> </u> | ļ            | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>                            | Щ               |  |  |
| <u> </u> | 144                                    | <u> </u> | ļ        | <u> </u> | L        | <u> </u> | ┞            | <u> </u>                            | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Щ               |  |  |
| <b> </b> | 145                                    |          |          | <u> </u> | ļ        | <u> </u> | ļ.,          | ⊢                                   | ļ                                   | $\sqcup$        |  |  |
| <b> </b> | 146                                    | $\vdash$ | _        | $\vdash$ | <u> </u> | $\vdash$ |              | <u> </u>                            | ļ_                                  | $\vdash \vdash$ |  |  |
| ├        | 147                                    | $\vdash$ | -        | $\vdash$ | -        | $\vdash$ | -            | $\vdash$                            |                                     | $\vdash \vdash$ |  |  |
| <u> </u> | 148<br>149                             | $\vdash$ | $\vdash$ | $\vdash$ | -        | -        | $\vdash$     | $\vdash$                            | $\vdash$                            | $\vdash \vdash$ |  |  |
|          | 150                                    | $\vdash$ | $\vdash$ | $\vdash$ | -        | -        | $\vdash$     | $\vdash$                            | ┢                                   | ╁╌┤             |  |  |
|          | 130                                    |          |          | 1        |          | <u> </u> | Ц.           | ш.                                  | I                                   |                 |  |  |